Hotel Booking Cancellation Prediction - Description

Context

This data set contains booking information for a hotel located in Portugal, and includes information regarding room reservation for respective customers.

All personally identifying information has been removed from the data.

Features

- **country:** Country of origin.
- **market_segment:** Market segment designation.
- **previous_cancellations:** Number of previous bookings that were cancelled by the customer prior to the current booking.
- **booking_changes:** Number of changes/amendments made to the booking from the moment the booking was entered on the PMS until the moment of check-in or cancellation.
- **deposit_type:** Indication on if the customer made a deposit to guarantee the booking.
- **days_in_waiting_list:** Number of days the booking was in the waiting list before it was confirmed to the customer.
- **customer_type:** Type of booking.
- **reserved_room_type:** Code of room type reserved. Code is presented instead of designation for anonymity reasons.
- **required_car_parking_space:** Number of car parking spaces required by the customer.
- **total_of_special_request:** Number of special requests made by the customer (e.g. twin bed or high floor).
- **is_canceled:** Value indicating if the booking was canceled (1) or not (0).